

# Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

**Progress Report #42—April 14, 2008**

**Work Completed: April 3-April 9, 2008**

- Completed removal of soil/sediment from a 200-foot section immediately upstream of the Phase 1 Cofferdam in Removal Area 13B.
- Completed installation of resuspension control measures in Removal Area 9B. Began installing resuspension control measures in Removal Area 10B.
- Began removing soil/sediment from Removal Area 9B.
- Continued loading and transporting non-TSCA stumps and root mass accumulated during clearing and grubbing activities.
- Completed placing post-excavation stone in the 200-foot section of Removal Area 13B that is immediately upstream of the Phase 1 Cofferdam.
- At Staging Area 4N, continued installing geosynthetics over the subgrade and continued placing a protective stone layer over the geosynthetics.
- Completed confirmation sampling and record survey activities in the excavated portion of Removal Area 13B.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	280	8
2008 Total	0	0	3325	95
Project Total to Date	3,150	90	37240	1064

\*\* All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

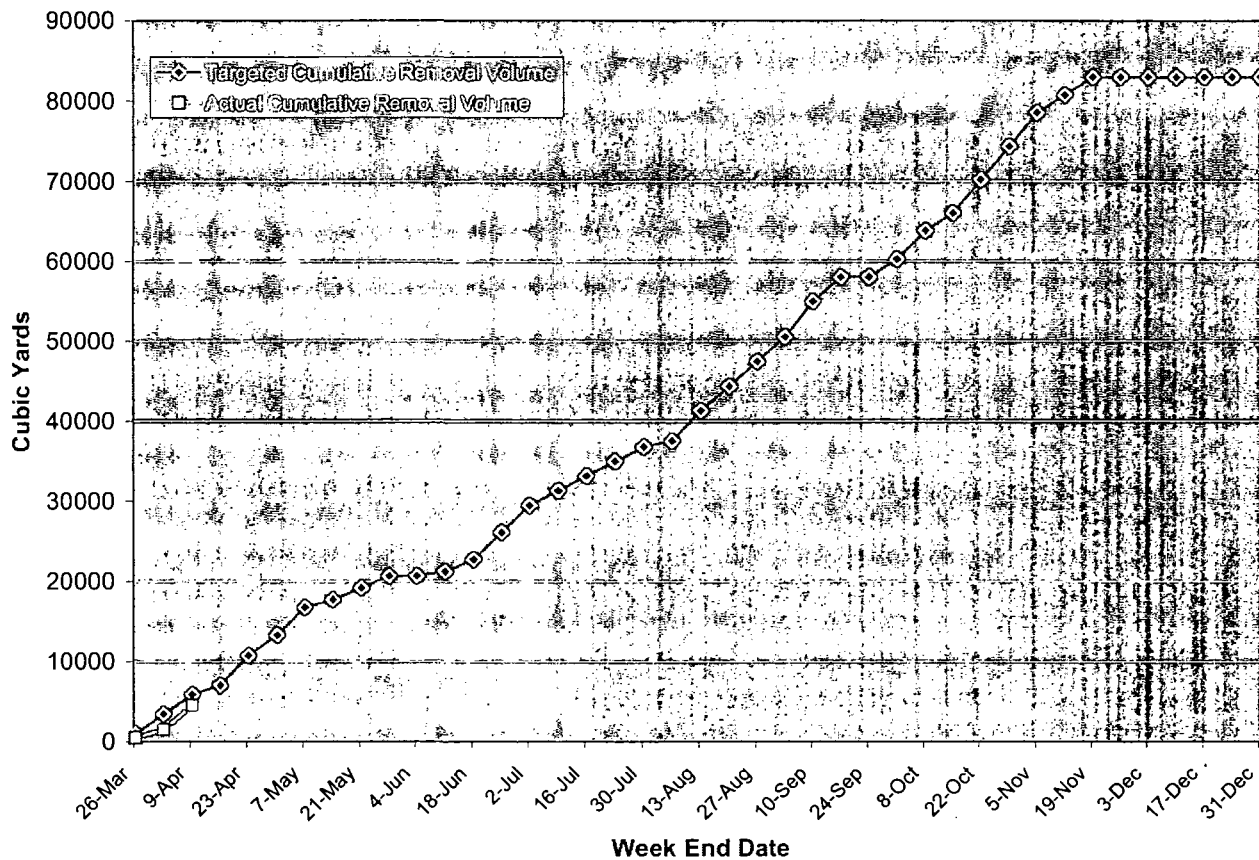


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***Work Planned: April 10-April 16, 2008***

- Complete the installation of the WCS Scour Protection System (grouting seams of the articulated concrete mat).
- Continue installing resuspension control measures in Removal Area 10B.
- Continue removing soil/sediment from Removal Area 9B.
- Continue loading and transporting non-TSCA stumps and root mass accumulated during clearing and grubbing activities.
- Continue loading and transporting solidified soil/sediment material from Staging Area 3S and 5S to Allied Waste's C&C Landfill and/or Ottawa County Landfill (pending the lifting of current public road weight restrictions).
- Begin confirmation sampling and record survey activities in Removal Area 9B.
- Install a temporary water treatment system and pugmill (pending the lifting of current public road weight restrictions) at Staging Area 4N.

### Removal Progress

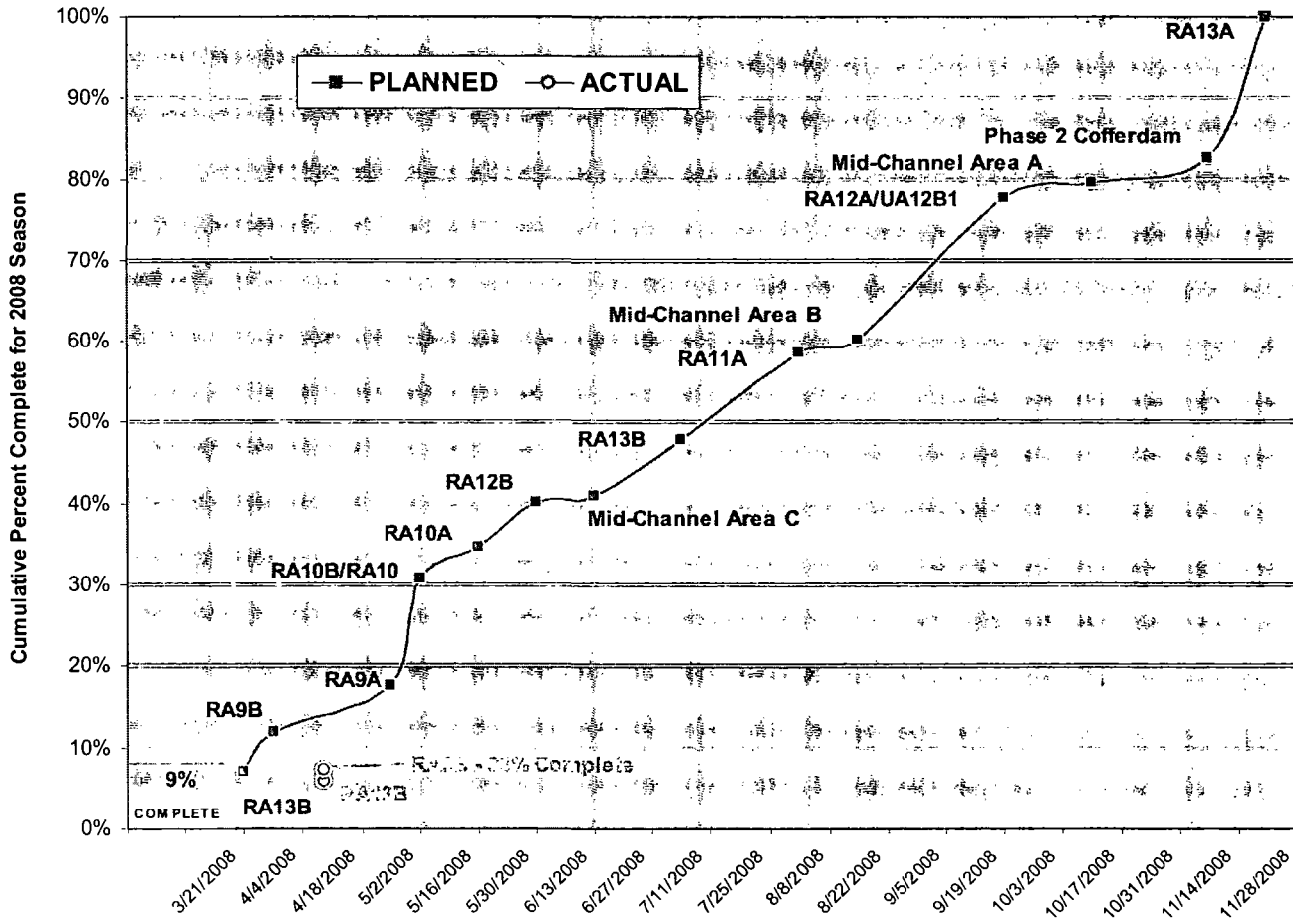


#### Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

## Removal Progress

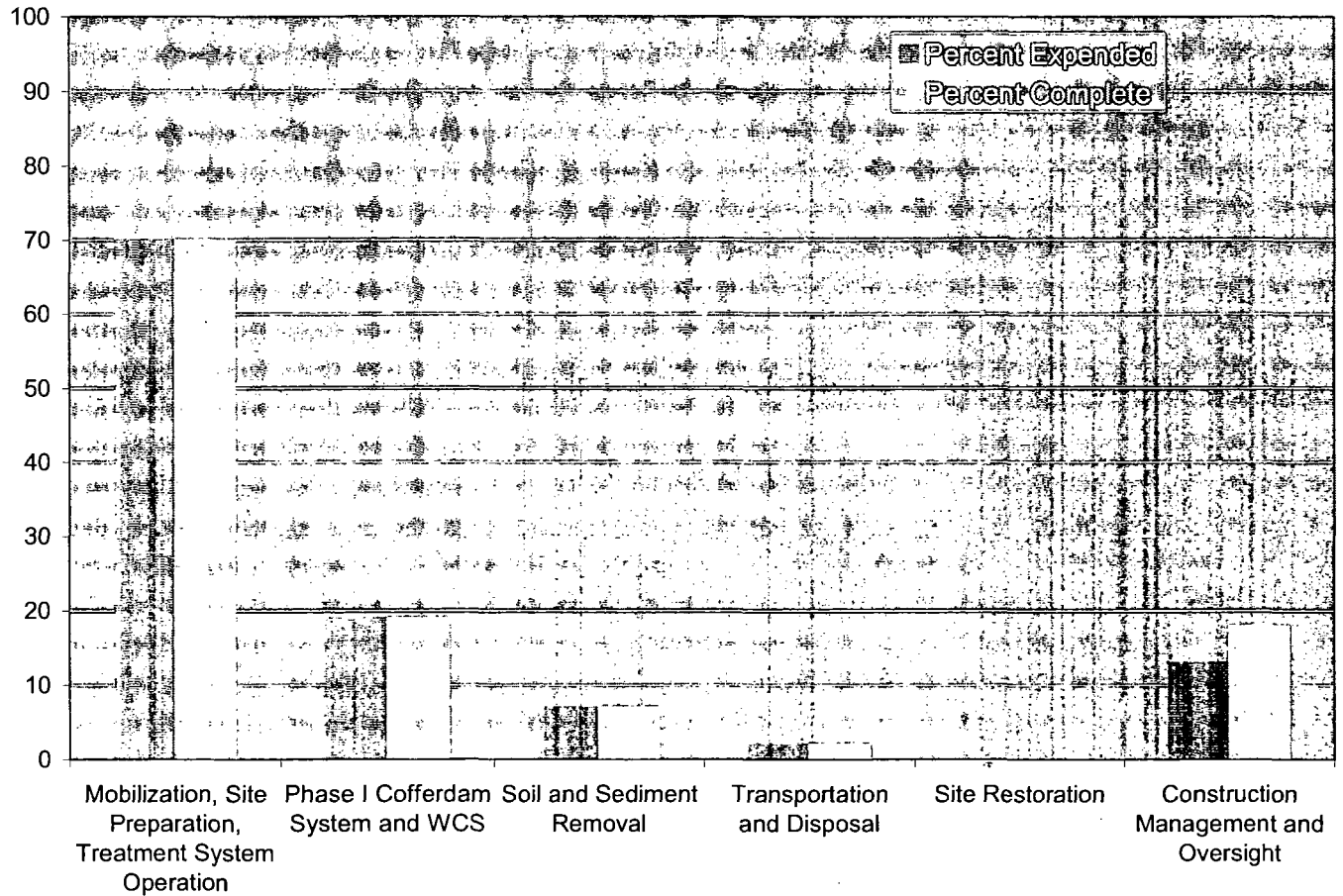


### Notes:

For Areas where removal is less than 100%, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

**Budget Assessment**



***Health & Safety Update***

- 2 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 122 LPOs have been completed for the project to date.

***Weather Summary***

- Frost laws in the State of Michigan are temporarily limiting the movement of large equipment and waste materials over public roads. It is anticipated that frost law limitations will be lifted by Friday, April 18, 2008.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 37,000 gallons

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 13B

Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

***Issues Encountered/Solutions Advanced***

- None.

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***Equipment on Site***

Equipment	4/03/08	4/04/08	4/05/08	4/06/08	4/07/08	4/08/08	4/09/08
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	2
Komatsu PC-200 Excavator	-	-	-	-	-	-	-
John Deere JD-50 Mini-Excavator	-	-	-	-	-	-	-
John Deere JD-450 Dozer	-	-	-	-	-	-	-
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	-	-	-	-	-	-	-
FAVCO 40-ton Crane	1	1	1	1	1	1	1
American 80-ton Crane (King)	-	-	-	-	-	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	-	-	-	-	-	-	-
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	1	1	1	1	1	1	1

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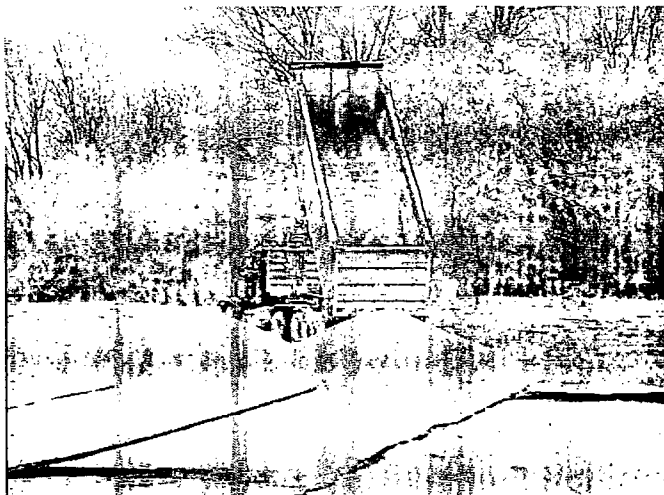
**Personnel, Regulatory Staff, and Visitors on Site**

Individual/Affiliation	4/03/08	4/04/08	4/05/08	4/06/08	4/07/08	4/08/08	4/09/08
Terra Contracting Staff	15	15	12		15	15	15
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC	X				X	X	
Tom Crosett/USEPA							
Paul Bucholtz/MDEQ	X					X	X
John Bradley/MDEQ							
Judith Gapp/MDEQ							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors						X	
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Steve Garbaciak/ARCADIS							
Adam Chwalibog/ARCADIS							
Eric Hritsuk/ARCADIS							X
Rich Price/ARCADIS							
Matt Bowman/ARCADIS							X
EJ Suardini/ARCADIS	X				X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X			X	X	X
Ben Lawrence/ARCADIS							
Nick Harmer/ARCADIS	X	X	X		X	X	X
Other Subcontractors (Specify)							
King Co.							

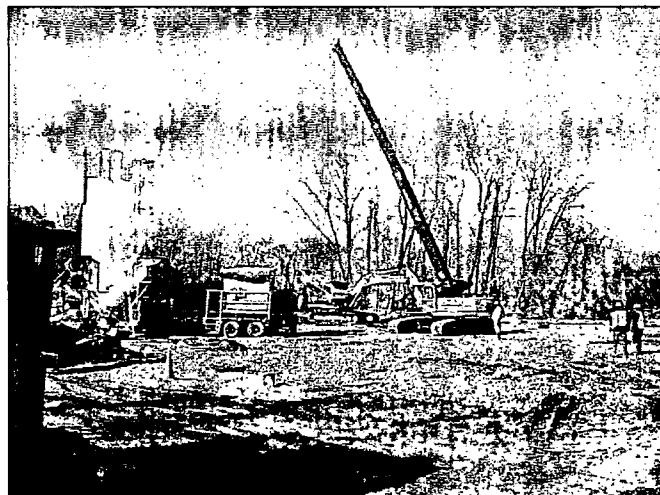


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***Photos from Week #42***



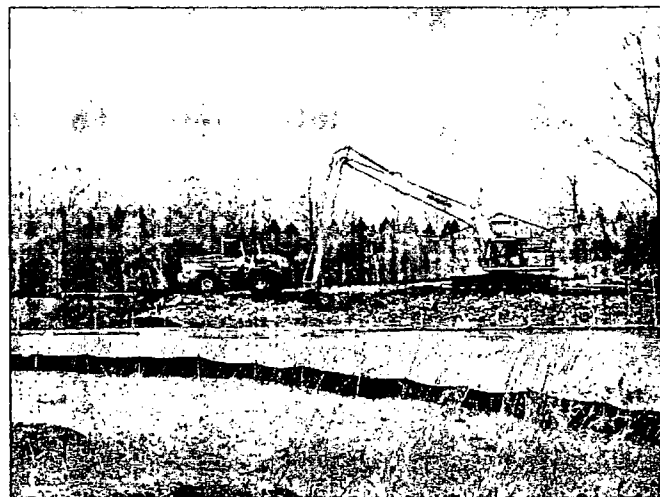
Installing protective stone layer over geosynthetic sheets at Staging Area 4N.



Site preparation activities at Staging Area 3S.

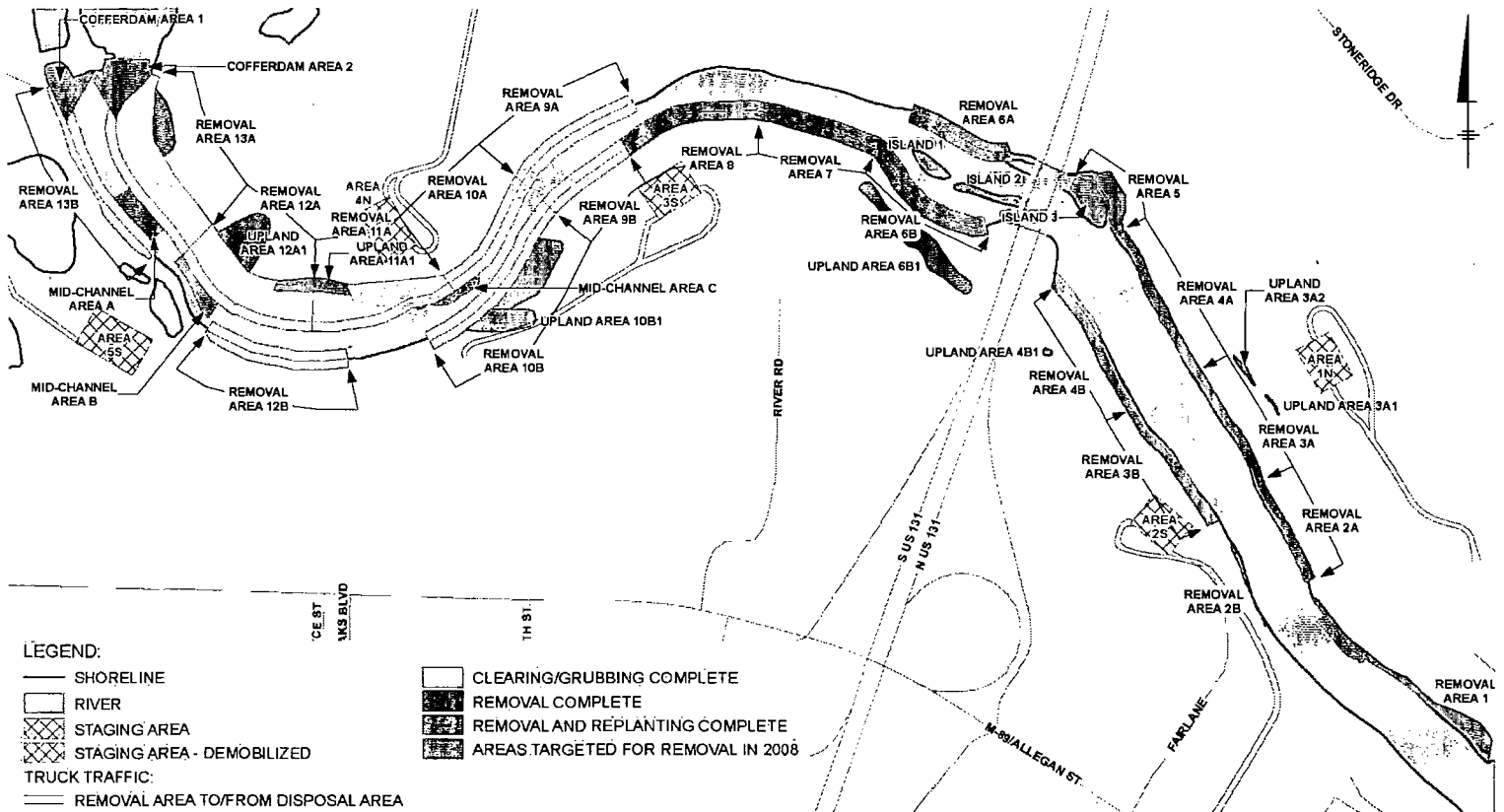


Excavating soil/sediment from Removal Area 9B.



Installing stone in the excavated portion of Removal Area 13B.

**Targeted Removal Areas—Former Plainwell Impoundment**



**Notes:**

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.